

**Table 6 - Comparative Fastener Withdrawal Numbers**

Composite Description	Density	Plastic %	Nail Pull Through	Nail Withdrawal	Screw Withdrawal
Portland Cement Board (WonderBoard - 1/4" thick) <sup>10</sup>	98 pcf	-----	> 100 lbs	N.A.	N.A.
USDA, Forest Product Laboratory, melt blended PP and hammer-milled random oriented juniper chips <sup>11</sup>	51-60 pcf	50%-70%	N.A.	N.A.	N.A.
<i>INVENTION</i> - Composite LDPE and random oriented Juniper particles, no additives <sup>12</sup>	47 pcf	50%	135 lbs	147 lbs	493 lbs.
Strandex Composite, 50% PE, 50% wood (dust sized particles), extruded, cross-linking additive <sup>13</sup>	68 pcf	50%	N.A.	97 lbs	438 lbs

<sup>10</sup> From WonderBoard web page at [www.unifxinc.com](http://www.unifxinc.com)  
<sup>11</sup> Values supplied by the USDA, Forest Products Laboratory  
<sup>12</sup> Rycar Inc. internal testing (Report # 3020-96-TR-09-96-01-WR)  
<sup>13</sup> Strandex composite values from [www.comptrusion.com/Strandex](http://www.comptrusion.com/Strandex)